

Notice of Allowability

Application No.

10/644,945

Examiner

CHAMELI C. DAS

Applicant(s)

LAZAROV, IVAN

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the pre-amendment filed on 1/31/05.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 1/26/04, 1/31/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 3/22/06.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

1. This action is in response to the pre-amendment filed on 1/31/05.
2. The Abstract of the application has been amended.
3. Claims 1-27 have been allowed.
4. The drawings filed on 8/21/03 have been accepted by the Examiner.
5. The IDS filed on 1/26/04 and 1/31/05 has been considered by the Examiner.

EXAMINER'S AMENDMENT

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. John Henkhaus, applicant's attorney on 3/22/06.

In Claims:

Claim 13 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 14 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 15 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 16 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 17 (Currently Amended)

Art Unit: 2192

-at line 1, before "medium" insert storage

Claim 18 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 19 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 20 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 21 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 22 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 23 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 24 (Currently Amended)

-at line 1, before "medium" insert storage

Claim 25 (Currently Amended)

-at line 2, before "constraints", insert connection

REASON FOR ALLOWANCE

7. The following is an examiner's statement of reason for allowance:

The cited prior art taken alone or in combination fail to teach in combination with the other claimed limitations, a method for managing an instance of a model, wherein

Art Unit: 2192

the instance includes a set of nodes with associated node variables and a set of connection constraints, the method comprising the computer-implemented steps of: loading into volatile memory information associated with the first node; determining, based at least on said information associated with said first node, a first subset of said set of connection constraints, wherein said first subset of connection constraints includes all connection constraints that restrict the intent to modify, and wherein said first subset of connection constraints includes fewer constraints than said set of connection constraints; as recited in the independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

8. The prior art made or record and not relied upon is considered pertinent to applicant's disclosure.

TITLE: Declaring application data, US 6952620 B2

TITLE: System and method for providing user defined types in a database system,
US 6976029

TITLE: System and method for creating a performance tool and a performance tool
yield, US 6931622 B1

TITLE: Method and system for modeling a legacy computer system, US 6993745 B1

Art Unit: 2192

TITLE: Visualization in a modular software system, US 6266805 B1

TITLE: Dataflow processing with events, US 6272672 B1

TITLE: Software system generation, US 6314555 B1

TITLE: Visualization in a modular software system, US 6266805 B1.

TITLE: TAOS: Testing with Analysis and Oracle Support, author: Richardson, ACM, 1994.

TITLE: Developing and Integrating ProDAG in the Arcadia Environment, author: Richardson et al, ACM, 1992.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chameli Das whose telephone number is 571-272-3696.

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to 3:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Tuan Dam can be reached at 571-272-3695. The fax number for this group is (571) 273-8300.

An inquiry of general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is 571-272-2100.

Chameli C. Das
CHAMELI C. DAS
PRIMARY EXAMINER

3/22/06